Python for Everybody: The Ultimate Python 3 Bootcamp

★★★★★ [15 reviews](#)

By **Kalob Taulien**

TIME TO COMPLETE:
9h 20m

LEVEL:
Beginner

TOPICS:
Python

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Start

Python is one of the most sought-after skills in the software domain. Whether you want to delve into video game development, web development, or artificial intelligence, learning Python is an important step. Besides, if you're new to programming, Python is the perfect language to get started with.

This course focuses on Python 3 and uses modern Python 3.7 and Python 3.8. It is designed to support Python application development on Windows, macOS, and Linux.

As Python 2 is no longer maintained by the Python development team, and there are no more security updates, the focus has now shifted to using Python 3.

This course will guide you through concepts such as variables, data structures, conditionals, object-oriented programming (OOP), and the Python third-party package ecosystem. You will also get to grips with unit testing your code. As you progress, you'll get hands-on experience by working through several mini-projects such as creating an exciting guessing game. Finally, you'll learn how to develop an image recognition application that can detect objects in photographs, such as people, cars, bikes, and more.

By the end of this course, you will be well-versed with Python 3 and be able to apply your skills in the real world.

What You Will Learn

- Install and use Python on Windows, Mac, and Linux
- Use command-line basics with Windows, Mac, and Linux support
- Get to grips with object-oriented programming (OOP) using classes, interfaces, and more
- Implement different data types and data structures
- Become well-versed with unit testing your code
- Delve into code formatting and cleanup

Audience

This course is for those who are new to programming or have programming knowledge of another language. Intermediate-level Python programmers who are looking to enhance their Python programming knowledge will also find this course useful.

About The Author

Kalob Taulien: Kalob Taulien is a professional web developer who has been developing websites and working with start-ups since 1999. Since many years, he has been writing codes in Python and Django. He is in the core Wagtail CMS team and one of the core leaders in Wagtail-based education. The passion to learn and to share his knowledge by teaching and helping others is

something that drives him constantly. His ability to turn complex programming concepts into easy-to-understand bits of knowledge has been called his 'superpower'. Throughout the years, he has built numerous websites. He even provides one-on-one coaching and start-up consulting to new organizations.

About the Publisher

Packt helps real-world developers put software to work in new ways with over 7,500 practical books and videos covering over 1,000 technologies. With coverage ranging from introductory programming to new and emerging technologies, as well as expert advice from industry-leading figures, Packt has great content for any technical professional looking to stay relevant and keep their skills up-to-date.

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